

CONFIDENTIAL

TIRC Grant #74

Progress Report #1

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"Quantitative Analysis of Nucleoproteins in Tissues from
Animals Subjected to Tobacco Smoke by Microspectrophotometry
and Interference Microscopy Correlated with Cytological
and Histological Studies"

The activities of the first six months were concerned mainly with planning our experiments and setting up a laboratory to carry out these experiments. Furthermore a number of pilot experiments have been carried out in which mice were exposed to smoke for varying periods of time. In addition, our efforts have been directed toward establishing a normal baseline to compare with possible eventual changes in mice exposed to tobacco smoke. Extensive histological, cytological and cytochemical studies have been started on normal tissues from the respiratory system. Similar studies have also been started on the same tissues from tobacco exposed mice. It is obviously too early to give any results at the present time.

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